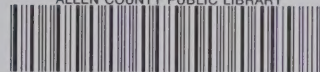




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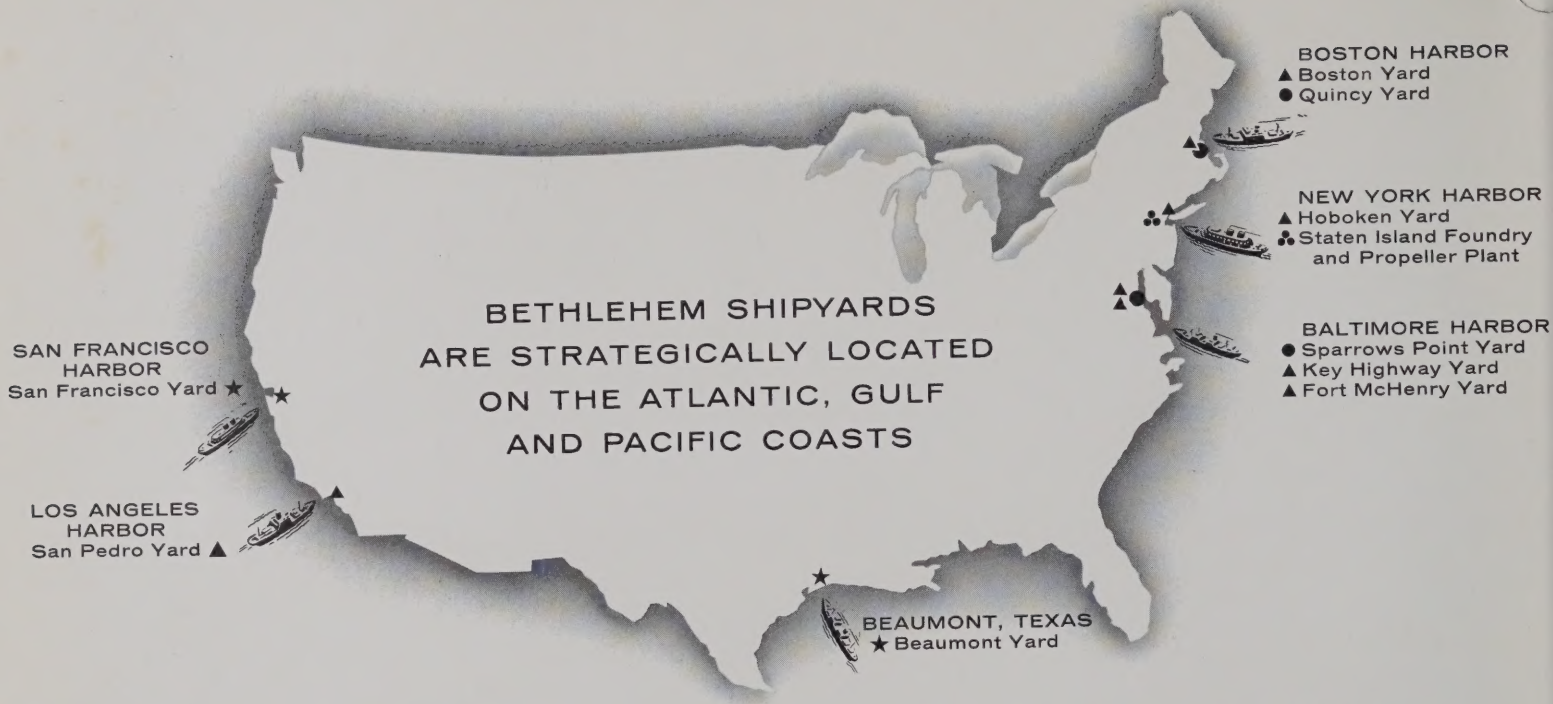


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Bethlehem-Built



Front Cover: *The world's first nuclear-powered surface warship, the guided-missile cruiser USS Long Beach, has more striking power than an entire squadron of World War II cruisers.*

- ★ SHIPBUILDING AND REPAIR
- SHIPBUILDING ONLY
- ▲ REPAIR ONLY
- FOUNDRY AND PROPELLER PLANT

Bethlehem-Built

Bethlehem Steel has been one of the world's leading shipbuilding and ship repairing organizations since its incorporation in 1905. More than 3,000 vessels have gone down the ways at Bethlehem shipyards. Almost one-third of these have been naval craft, and include submarines and aircraft carriers, destroyers, destroyer escorts, cruisers, and battleships. The balance have been merchant vessels, from tugs to tankers, cargo ships, and passenger liners . . . including the largest commercial ship ever built in the United States, the SS Manhattan, delivered in 1962.

Over the years, Bethlehem has made major contributions to advanced ship design and the development of marine propulsion systems. The first steam-turbined and the first nuclear-powered surface warships for the United States Navy were Bethlehem-built. More recently we developed the design for a new anti-submarine destroyer employing aircraft jet engines for gas-turbine propulsion. And two atomic attack submarines are under construction at our Quincy Yard.

Some of the more significant ships built by Bethlehem during the past quarter-century are shown in this booklet. They exemplify Bethlehem's versatility in the development, design, and construction of ships for trade, travel, and the national defense.

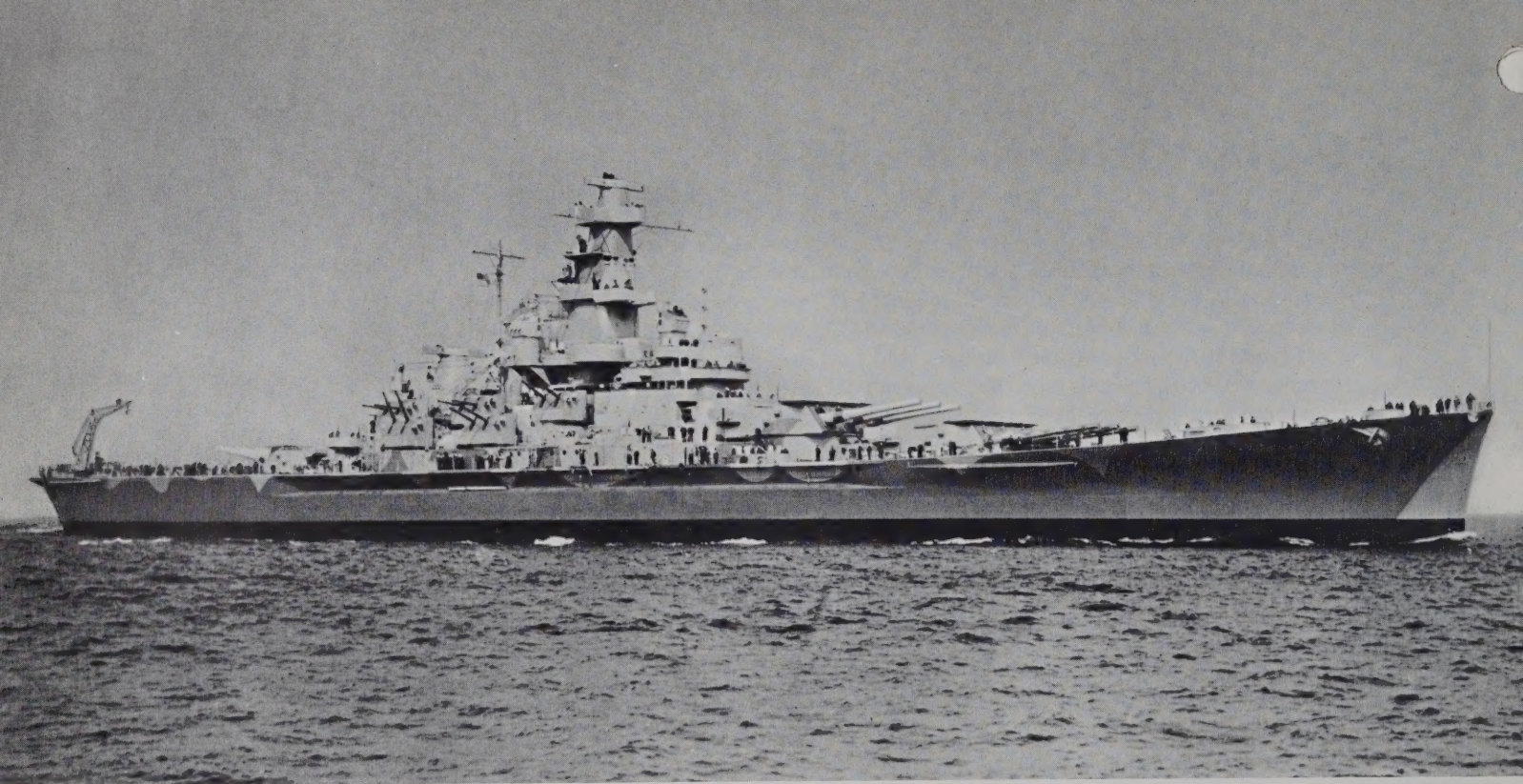
BETHLEHEM STEEL COMPANY, SHIPBUILDING DIVISION

General Offices: 25 Broadway, New York 4, N. Y.



Steel for Strength

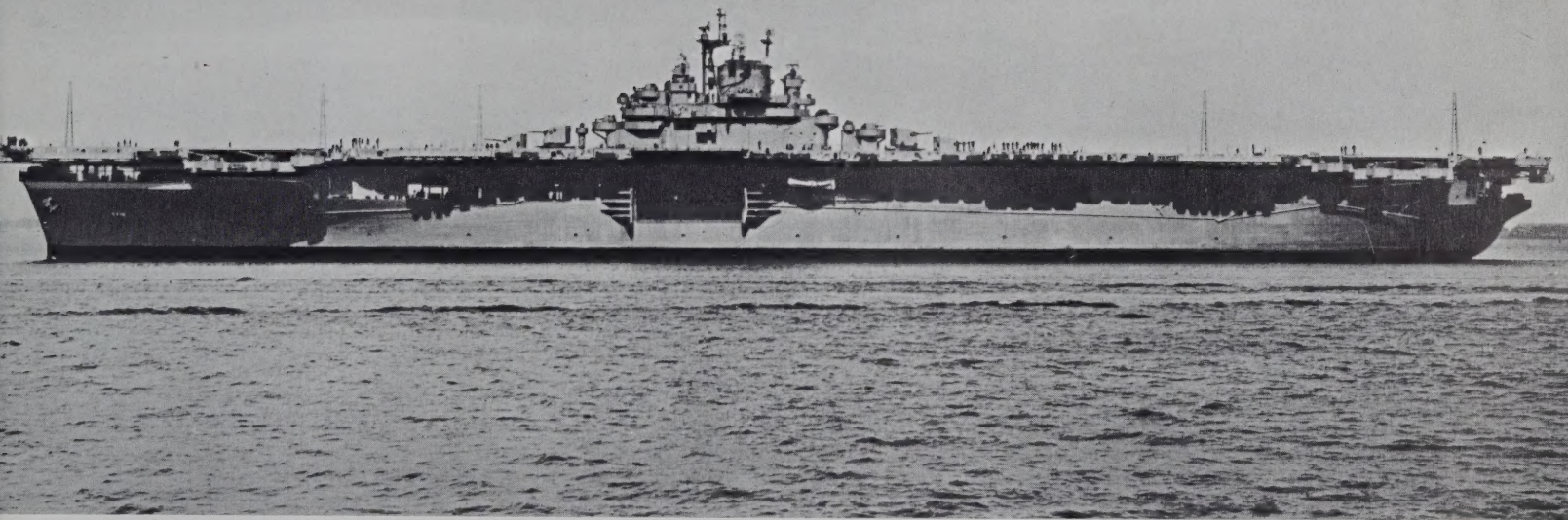




BATTLESHIP USS MASSACHUSETTS BB 59

Length: 681 ft Beam: 108 ft Displacement: 42,400 tons
Built by Bethlehem, Quincy Yard Delivered May 1942

Known as the "Big Mamie," this South Dakota-class battleship has a distinguished World War II record, serving in both the European and Pacific theaters.



AIRCRAFT CARRIER USS LEXINGTON CV 16
Length: 871 ft Beam: 123 ft Displacement: 33,300 tons
Built by Bethlehem, Quincy Yard Delivered February 1943

One of five Essex-class carriers built by Bethlehem, the CV 16 destroyed 847 enemy planes and sank 300,000 tons of enemy shipping in the Pacific during World War II.



**GUIDED-MISSILE CRUISER
USS LONG BEACH CG(N) 9**

Length: 721 ft Beam: 73 ft Displacement: 14,200 tons
Built by Bethlehem, Quincy Yard Delivered September 1961

The U.S. Navy's first nuclear surface warship (see front cover), the CG(N) 9 bristles with guided missiles and rockets. Designed by Bethlehem, she has two reactors, and great cruising range at sustained high speeds.



**TACTICAL COMMAND SHIP
USS NORTHAMPTON CC 1**

Length: 677 ft Beam: 70 ft Displacement: 15,208 tons
Built by Bethlehem, Quincy Yard Delivered February 1953

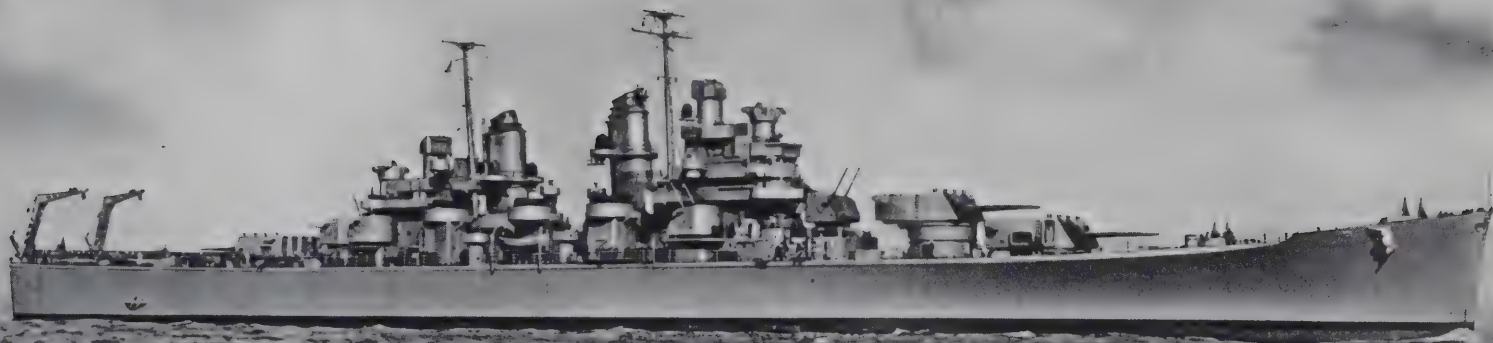
The first big and fast ship of her type, the Northampton was designed to serve as the tactical command ship for carrier or amphibious task forces.



HEAVY CRUISER USS SALEM CA 139

Length: 716 ft Beam: 77 ft Displacement: 19,450 tons
Built by Bethlehem, Quincy Yard Delivered May 1949

The big, fast, heavy-hitting CA 139 and her Bethlehem-built sister, USS Des Moines CA 134, name ship of her class, were the first warships equipped with rapid-fire 8-in. guns.



HEAVY CRUISER USS BALTIMORE CA 68

Length: 673 ft Beam: 71 ft Displacement: 15,208 tons
Built by Bethlehem, Quincy Yard Delivered April 1943

Name ship of her class and a Bethlehem design, the CA 68 saw heavy action in the Pacific theater and won nine Battle Stars. She was one of eleven heavy cruisers built by Bethlehem during World War II.



LIGHT CRUISER USS SPRINGFIELD CL 66

Length: 610 ft Beam: 66 ft Displacement: 12,000 tons
Built by Bethlehem, Quincy Yard Delivered September 1944

One of six long-hulled light cruisers built by Bethlehem during World War II, the 6-inch-gun, Cleveland-class CL 66 is shown here in wartime camouflage.



LIGHT ANTI-AIRCRAFT CRUISER USS FLINT CL 97
Length: 542 ft Beam: 53 ft Displacement: 7,400 tons
Built by Bethlehem, San Francisco Yard Delivered August 1944

San Diego-class light cruisers, the CL 97 and her sister ships were heavily armed to repel enemy aircraft. Bethlehem built six small cruisers of this and similar types during World War II.



GUIDED-MISSILE FRIGATE

USS BAINBRIDGE DLG(N) 25

Length: 564 ft	Beam: 58 ft	Displacement: 8,400 tons
Built by Bethlehem, Quincy Yard	Delivered September 1962	

The first nuclear destroyer ever built, the DLG(N) 25 has two reactors, great cruising range, and high speed. Armed with guided missiles and rockets, she's a Bethlehem design and the 288th destroyer built by our yards.



GUIDED-MISSILE FRIGATE USS FARRAGUT DLG 6

Length: 512 ft Beam: 52 ft Displacement: 5,600 tons
Built by Bethlehem, Quincy Yard Delivered December 1960

A destroyer task-force leader, the conventionally powered DLG 6 is armed with guided missiles and anti-submarine rockets. Two sister ships also were built by Bethlehem.



FRIGATE USS WILLIS A. LEE DL 4

Length: 493 ft Beam: 50 ft Displacement: 4,550 tons
Built by Bethlehem, Quincy Yard Delivered September 1954

One of two Mitscher-class frigates built by Bethlehem. These ships are fitted for administrative services as well as for long-range, anti-submarine warfare.



DESTROYER USS DECATUR DD 936

Length: 418 ft Beam: 45 ft Displacement: 3,675 tons
Built by Bethlehem, Quincy Yard Delivered November 1956

One of five Forrest Sherman-class destroyers built by Bethlehem Steel, the DD 936 was conventionally armed for anti-submarine and anti-aircraft warfare.



DESTROYER USS CHARLES R. WARE DD 865
Length: 390 ft Beam: 41 ft Displacement: 3,050 tons
Built by Bethlehem, Staten Island Yard Delivered July 1945

One of more than 100 destroyers of various classes built by Bethlehem's Quincy, Staten Island, San Francisco and San Pedro yards during World War II. A Gearing-class vessel, the DD 865 was one of the largest built during the war.



DESTROYER USS BENSON DD 421

Length: 348 ft	Beam: 36 ft	Displacement: 1,818 tons
Built by Bethlehem, Quincy Yard		Delivered July 1940

Name ship of her class and a Bethlehem design, the DD 421 and most of her sisters served in both the Atlantic and Pacific war theaters. This class was the most advanced type available to the U. S. Navy at the time of the attack on Pearl Harbor.



DESTROYER ESCORT USS BUCKLEY DE 51

Length: 306 ft Beam: 37 ft Displacement: 1,550 tons
Built by Bethlehem, Hingham Yard Delivered April 1943

One of 99 destroyer escorts developed and built by Bethlehem during World War II, the DE 51 was named for a class that helped quell the Nazi U-Boat menace.



AMMUNITION SHIP USS MAUNA KEA AE 22

Length: 512 ft Beam: 72 ft Cargo capacity: 7,500 tons
Built by Bethlehem, Sparrows Point Yard Delivered March 1957

Five of these advanced-type ammunition supply ships, including the prototype vessel, USS Suribachi AE 21, were built by Bethlehem.

*Representative Naval Auxiliaries
Built by Bethlehem*



WARTIME TROOP TRANSPORT

WARTIME PERSONNEL-ATTACK SHIP



CARGO-ATTACK SHIP





PASSENGER SHIP SS INDEPENDENCE

Length: 683 ft Beam: 89 ft Displacement: 30,090 tons

Passenger capacity: 1,003

Built by Bethlehem, Quincy Yard

Delivered January 1951

This sleek vessel and her Quincy-built sister, SS Constitution, were designed by Bethlehem and were the first postwar passenger ships constructed in the United States.



PASSENGER SHIP SS PRESIDENT CLEVELAND
Length: 609 ft Beam: 76 ft Displacement: 23,507 tons
Passenger capacity: 794
Built by Bethlehem, Alameda Yard Delivered December 1947

Laid down as troop transports, this ship and her sister, SS President Wilson, were completed as modern passenger vessels for transpacific service.



PASSENGER SHIP SS PANAMA

Length: 494 ft Beam: 64 ft Displacement: 14,200 tons

Passenger capacity: 202

Built by Bethlehem, Quincy Yard

Delivered April 1939

This medium-sized passenger vessel and her Bethlehem-built sisters, SS Ancon and SS Cristobal, served as military auxiliaries during World War II, then were reconverted for passenger service.



CARGO-PASSENGER LINER SS SANTA MAGDALENA

Length: 547 ft Beam: 79 ft Displacement: 18,110 tons
Built by Bethlehem, Sparrows Point Yard Delivered Feb. 1963

The first of four 20-knot cargo-passenger liners built for Grace Line's trade between New York and the West Coast of South America. These ships accommodate 127 passengers and have advanced cargo-handling systems.



CARGO VESSEL SS AMERICAN COURIER

Length: 560 ft	Beam: 75 ft	Deadweight: 13,600 tons
Built by Bethlehem, Quincy Yard	Delivered February 1963	

The first of six sister ships built at Quincy for United States Lines. With their speeds of 20 knots plus, these Challenger-class freighters are the fastest cargo ships on their Atlantic and Pacific trade routes.



CARGO VESSEL PHILIPPINE BEAR

Length: 563 ft Beam: 76 ft Deadweight: 12,490 tons
Built by Bethlehem, San Francisco Yard Delivered March 1962

The first of two 20-knot cargo vessels built for the Pacific Far East Line, this ship has accommodations for 12 passengers and special facilities for handling vans, grain, and refrigerated and liquid cargo.



CARGO VESSEL SS PRESIDENT LINCOLN

Length: 563 ft Beam: 76 ft Deadweight: 12,900 tons
Built by Bethlehem, San Francisco Yard Delivered May 1961

The first of two Sea Racer-class cargoliners built by Bethlehem, this 20-knot ship serves on the American President Lines' round-the-world route. She carries 12 passengers and varied cargo.



CARGO VESSEL SS SOLON TURMAN

Length: 495 ft Beam: 69 ft Deadweight: 11,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered July 1961

The first of twelve sister ships built at our Sparrows Point Yard for the Lykes Lines' world-wide trade route, this 18-knot vessel accommodates 12 passengers and carries refrigerated, dry, and liquid cargo.



CARGO VESSEL SS OLD COLONY MARINER

Length: 564 ft Beam: 76 ft Deadweight: 13,300 tons
Built by Bethlehem, Quincy Yard Delivered October 1952

The famous Mariner-class of modern high-speed cargo vessels is of Bethlehem design. Bethlehem yards at Quincy, Sparrows Point and San Francisco built 15 of this class, completing several as special-purpose craft.



REFRIGERATED CARGO VESSEL SS YAQUE

Length: 386 ft Beam: 56 ft Deadweight: 5,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered March 1947

The trim SS Yaque and her eight Bethlehem-built sisters were among the first postwar freighters constructed in the United States.



CARGO VESSEL SS ALCOA PIONEER

Length: 418 ft Beam: 60 ft Deadweight: 9,400 tons
Built by Bethlehem, San Francisco Yard Delivered March 1941

*Bethlehem's San Francisco, Sparrows Point and
Staten Island yards constructed 15 of these U. S.
Maritime Commission C-1B type freighters.*



TANKER SS MANHATTAN

Length: 940 ft Beam: 132 ft Deadweight: 108,590 tons
Built by Bethlehem, Quincy Yard Delivered January 1962

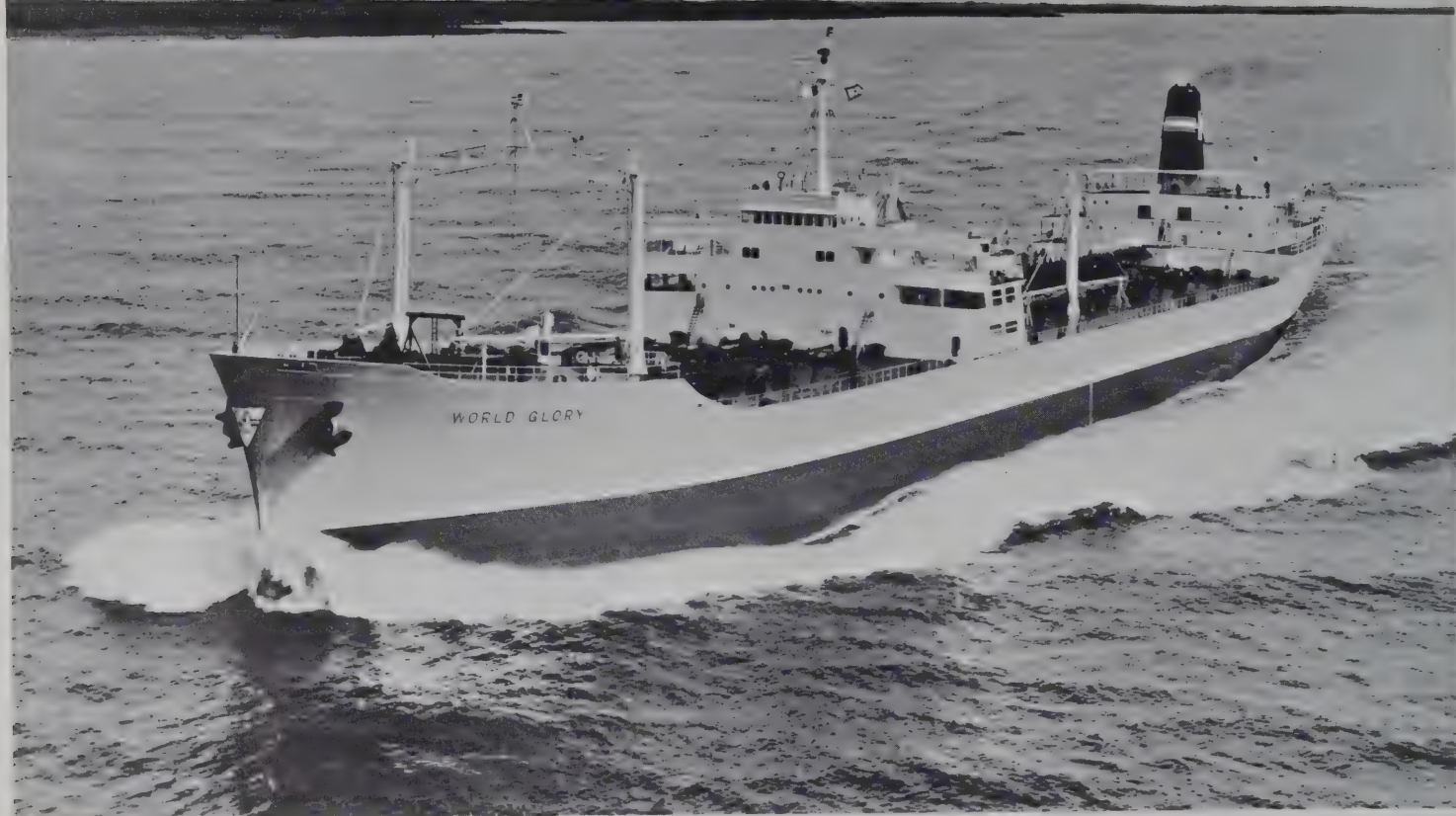
Largest commercial ship built in the U.S. (see back cover), the Manhattan has a cargo tank capacity of more than 38 million gallons. Designed and powered by Bethlehem, she has twin propellers and rudders, and a top speed of 19 knots.



TANKER SS PRINCESS SOPHIE

Length: 859 ft Beam: 115 ft Deadweight: 72,518 tons
Built by Bethlehem, Quincy Yard Delivered March 1959

The Princess Sophie was designed, built, and powered by Bethlehem. A single-propeller ship, her service speed is 16½ knots, her cruising range 24,000 miles.



TANKER SS WORLD GLORY

Length: 736 ft Beam: 102 ft Deadweight: 46,435 tons
Built by Bethlehem, Quincy Yard Delivered August 1954

The first of twenty 46,000-47,000-ton tankers designed and powered by Bethlehem, the World Glory set new standards for low-cost, long-distance transportation of crude petroleum by ship.



TANKER SS CITIES SERVICE BALTIMORE

Length: 661 ft Beam: 90 ft Deadweight: 32,650 tons
Built by Bethlehem, Sparrows Point Yard Delivered July 1956

This vessel and her two sisters can carry more than a dozen different petroleum products simultaneously. They were the forerunners of a growing class of tankers of this size.



TANKER SS ANDROS SEA

Length: 645 ft Beam: 84 ft Deadweight: 29,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered June 1953

One of 48 tankers, ranging from 27,000 to 29,000-dwt, delivered by Bethlehem yards from 1949 through 1957. All were designed and powered by Bethlehem.



TANKER SS P. C. SPENCER

Length: 605 ft Beam: 78 ft Deadweight: 25,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered Feb. 1953

One of a number of fast tankers designed to carry various grades of petroleum products from refineries to distributing centers.



TANKER SS SANTA MARIA

Length: 551 ft Beam: 68 ft Deadweight: 18,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered May 1952

One of the types of tankers under construction since 1950. Vessels of this class often are used in coastal service.



TANKER SS FLYING A CALIFORNIA

Length: 515 ft Beam: 68 ft Deadweight: 16,000 tons

Built by Bethlehem, Sparrows Point Yard Delivered July 1954

One of the smaller oceangoing tanker-types built during the 1950's, this ship is equal in size to the largest tankers built during World War II.



CHEMICAL TANKER SS MARINE DOW-CHEM

Length: 551 ft	Beam: 68 ft	Deadweight: 16,200 tons
Built by Bethlehem, Quincy Yard		Delivered March 1954

Bethlehem-designed, this was the first ocean-going vessel specifically constructed for the transportation of liquid chemicals in bulk.



ORE CARRIER SS VENORE

Length: 583 ft Beam: 78 ft Deadweight: 24,000 tons
Built by Bethlehem, Sparrows Point Yard Delivered July 1945

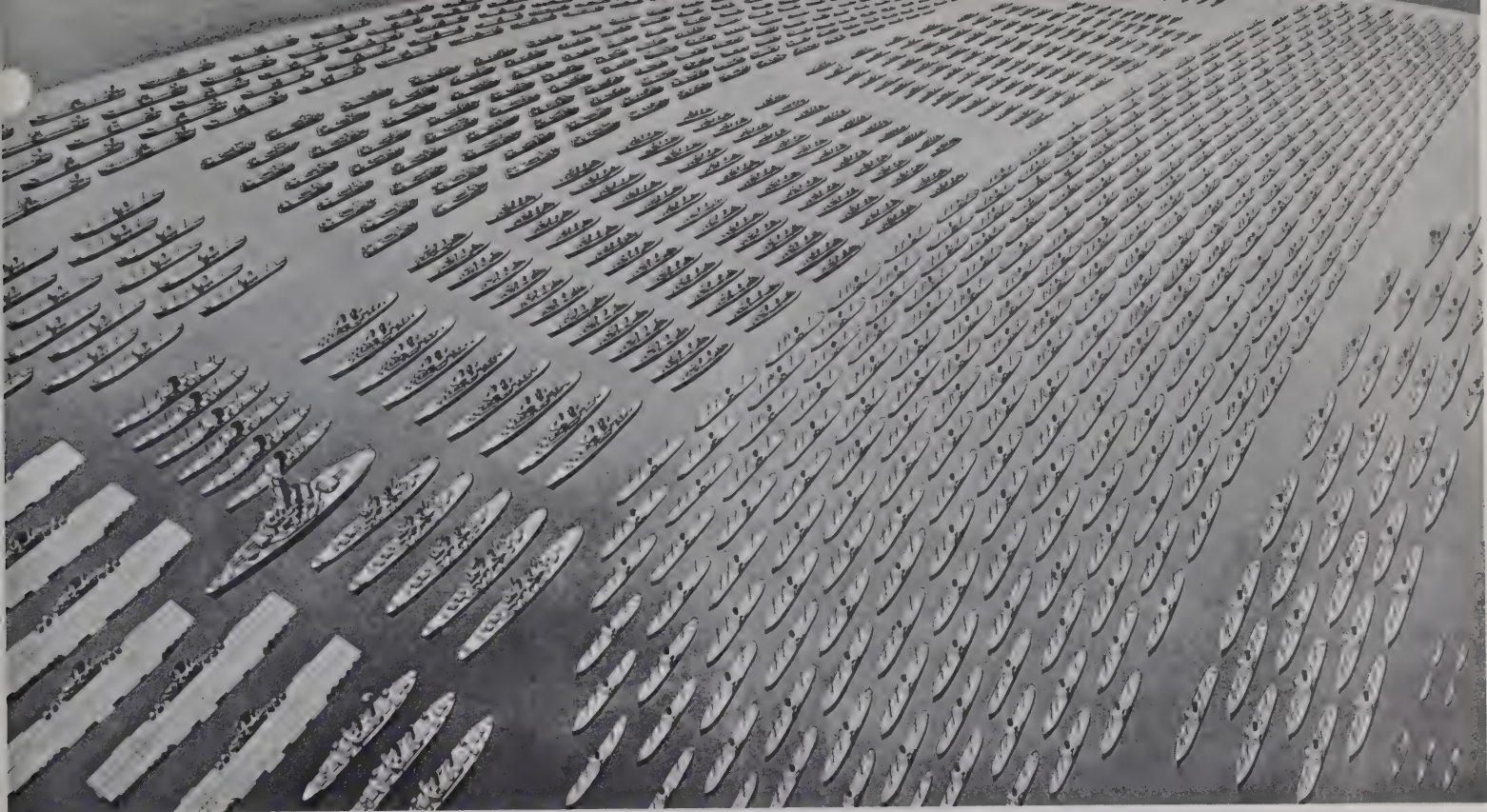
Designed, built, and powered by Bethlehem, the Venore and her seven sister ships helped raise the standards of efficiency for oceangoing ore carriers.



LAKES ORE CARRIER SS JOHNSTOWN

Length: 626 ft Beam: 70 ft Deadweight: 18,500 tons
Built by Bethlehem, Sparrows Point Yard Delivered May 1952

One of three modern Great Lakes ore boats designed, constructed, and powered by Bethlehem. These ships were among the largest of their type on delivery.



SHIPS OF BETHLEHEM'S WORLD WAR II PROGRAMS . . . 1121 TOTAL

6 Aircraft Carriers, 1 Battleship, 25 Cruisers, 112 Destroyers, 99 Destroyer Escorts, 23 Naval Transports, 6 Destroyer Mine Layers, 211 LST's and LCI's, 8 Troopships, 10 Combat Transports, 2 Passenger Liners (originally scheduled as Troopships), 522 Cargo Vessels, 74 Tankers, 22 Tugs, Trawlers and Self-Propelled Lighters.

Back Cover: *The Bethlehem-built tanker SS MANHATTAN, largest commercial ship built to date in an American shipyard.*



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